

## PART I: TO BE COMPLETED BY THE REQUESTER:

- (1) Description of circuit/equipment/job location: \_\_\_\_\_
- (2) Description of work to be done: Test, diagnose or troubleshoot voltages 51-250Vac with no other energized higher voltage parts exposed.
- (3) Justification of why the circuit/equipment cannot be de-energized: Diagnosis cannot be completed without equipment energized.

Requester/Title \_\_\_\_\_

Date \_\_\_\_\_

## PART II: HAZARD ANALYSIS: Reference JRA # \_\_\_\_\_ for this permit

- (1) Detailed job description procedure to be used in performing the above detailed work: Lockout & Tagout all electrical components unnecessary to complete the work. Cordon off the work area. While wearing PPE as listed below. Perform work. Close covers. Restore power.
- (2) Description of the Safe Work Practices to be employed: ☐ LOTO ☐ Two Workers ☐ Safety Watch ☐ Notify affected workers  
☒ Reason not to LOTO The equipment must be energized while testing, wearing PPE listed below.

Flash Hazard (-1 to 4)	1	Shock Hazard (max V)	250Vac	Working Distance	18"
Flash Boundary	4'-0"	Limited Approach	3'-6"	Glove Class, minimum	00
Incident Energy (cal/cm <sup>2</sup> )	N/A	Restricted Approach	Avoid		
		Prohibited Approach	Contact		

## (4) Protective Equipment

<input type="checkbox"/> Natural Fiber Clothing	<input checked="" type="checkbox"/> Safety Glasses/Goggles	<input type="checkbox"/> Ear Plugs	<input type="checkbox"/> Leather Shoes
<input checked="" type="checkbox"/> FR Clothing	<input type="checkbox"/> Face Shield	<input checked="" type="checkbox"/> Leather Gloves	<input type="checkbox"/> Voltage-rated Shoes
<input type="checkbox"/> Voltage-rated Tools	<input type="checkbox"/> Balaclava Hood	<input checked="" type="checkbox"/> Voltage-rated Gloves	<input checked="" type="checkbox"/> Hard Hat
<input checked="" type="checkbox"/> Category III Meter	<input type="checkbox"/> 2 layer Switching Hood	<input type="checkbox"/> Flashsuit	<input type="checkbox"/> Other

Leather shoes as needed.

- (5) Means employed to restrict the access of unqualified persons from the work area: Tape or barricade or second worker

## PART III: WORK

Job Briefing including discussion of any job-related hazards:

LOTO unnecessary circuits, don PPE as listed, assure that no other unqualified workers are in the work area.

## PART IV: AUTHORIZED WORKERS:

Name	Life #	Name	Life #
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Authorizing Supervisor \_\_\_\_\_

Date \_\_\_\_\_

## PART V: APPROVAL(S) TO PERFORM THE WORK WHILE ELECTRICALLY ENERGIZED:

Asher Ethen  
Lead Engineer/ES&H CoordinatorJon Sandberg  
Division Manager/Department Chair6-29-2005  
Date6/27/05  
Date

Forward a copy to ES&amp;H Coordinator.